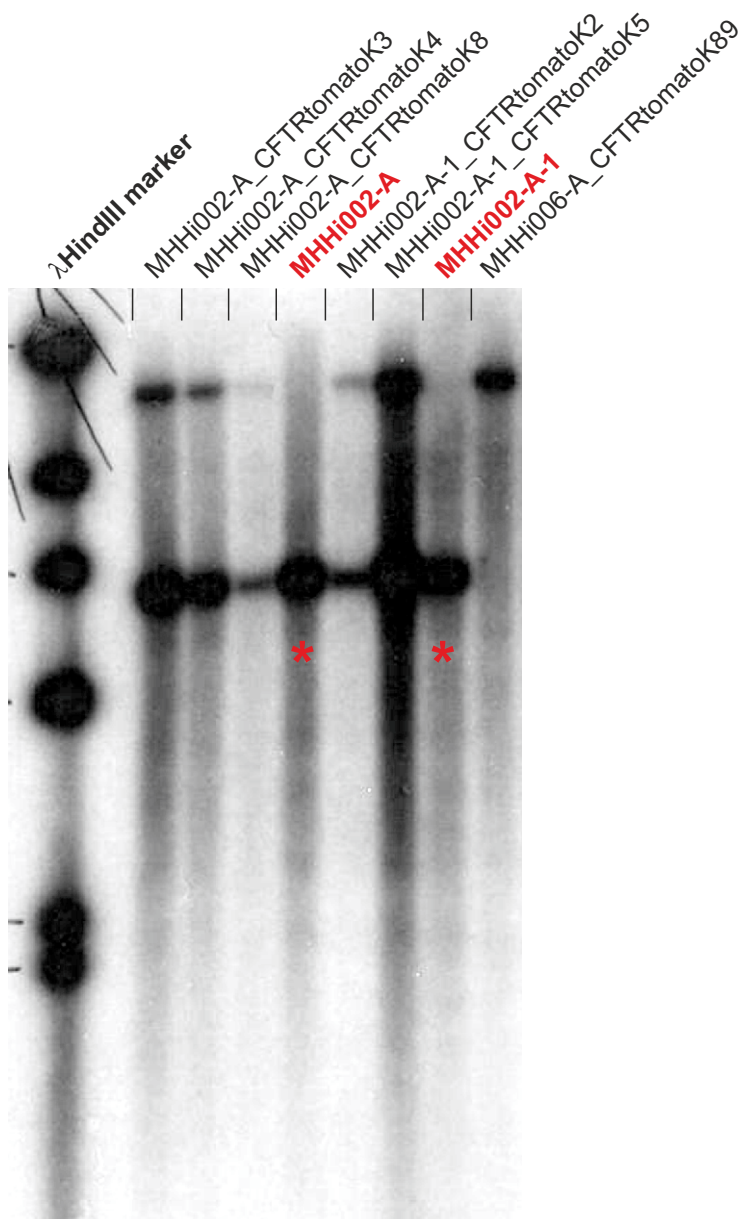


## Southern blot analysis for conformation of origin of corrected line



**Southern Blot analysis.** Genomic DNA was digested with AvrII and hybridized with a dTomato probe against the lentiviral 4-in-1 vector construct used for reprogramming as well as for a dTomato reporter construct integrated into the CFTR locus. Red stars mark the respective band for the randomly integrated vector copy of the reprogramming construct strongly suggesting that the corrected line **MHHi002-A-1** originates from the patient specific line **MHHi002-A**.